

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 110329.01	APPLICATION NO. Rule 53(b) Continuation of Application No. 09/890,854		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Kazuhiro ICHIMURA, Hiroshi TSUKUI and Yukihiko TATSUNO				
		FILING DATE March 17, 2004	PRIOR GROUP 3616			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>Ec</i>	A	4/746,133	5/1988	Hanser et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<i>Ec</i>	B	JP 8-142629 A	06-04-1996	Japan		
<i>Ec</i>	C	JP 7-52630 A	02-28-1995	Japan		
<i>Ec</i>	D	WO 93/04881 A1 (w/abstract)	03-18-1993	WIPO		
<i>Ec</i>	E	JP 7-223419 A	08-22-1995	Japan		
<i>Ec</i>	F	JP 62-174908 U	11-06-1987	Japan		
<i>Ec</i>	G	JP 62-110509 A	05-21-1987	Japan		
<i>Ec</i>	H	JP 6-278438 A	10-04-1994	Japan		
<i>Ec</i>	I	JP 7-125523 A	05-16-1995	Japan		
<i>Ec</i>	J	JP 7-132723 A	05-23-1995	Japan		
<i>Ec</i>	K	64-6188 U	1/1989	Japan		
<i>Ec</i>	L	9-71388 A	3/1997	Japan w/Abstract		
<i>Ec</i>	M	6-94066 A	4/1994	Japan w/Abstract		
<i>Ec</i>	N	4-250230 A	9/1992	Japan w/Abstract		
<i>Ec</i>	O	6-48149 A	2/1994	Japan w/Abstract		
<i>Ec</i>	P	9-96330 A	4/1997	Japan w/Abstract		
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<i>Ec</i>	Q	Japan Valve Manufacturer's Association, "A Handbook of Valve", First Edition, Published by the Nikkan Kogyo Shimbun, Ltd., March 1965				
EXAMINER	<i>Eric Culbreth</i>				DATE CONSIDERED <i>12/21/05</i>	
Examiner:	Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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EC	R	57-70104 U	10/1980	Japan		
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EC	Dd	5-221214 A	8/1993	Japan w/Abstract		
EC	Ee	9-323522 A	12/1997	Japan w/Abstract		
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<i>EC</i>	Ff	5-221212 A	8/1993	Japan w/Abstract			
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<i>EC</i>	ii	1,243,964	7-1986	Soviet Union			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
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<i>Ec</i>	1	JP U 63-32908 w/Abstract	03/03/1988	Japan	—	—
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EC	B	JP-A-9-30229	2/4/1997	Japan w/Computer-generated Translation and Abstract		
EC	C	JP-A-60-113709	6/20/1985	Japan w/Abstract		
EC	D	JP-A-7-32843	2/3/1995	Japan w/Computer-generated Translation and Abstract		
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Date: July 14, 2004